

ABSTRACT

CONJUGATES OF HAPTENS TO β -LACTAM DERIVATIVES AND THEIR USE
FOR DETECTING AND/OR QUANTIFYING HAPTENS IN SOLUTION AND
5 DEVICE FOR IMPLEMENTATION THEREOF.

The present invention is related to a conjugate of a hapten to a natural or synthetic β -lactam derivative, comprising at least a side chain, wherein the
10 side chain of the β -lactam derivative is at least partially constitutive of the conjugating arm.

The invention relates also to a method for the immunoassay of the hapten involving said β -lactam derivative - hapten conjugate as an inhibitor for a β -
15 lactamase or a penicillin detector capable of specific recognition of the β -lactamic moiety of said conjugate.

(Figure 1)